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STN Express with Discover!
NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 12 SEP 27 STANDARDS will no longer be available on STN
NEWS 13 SEP 27 SWETSCAN will no longer be available on STN

NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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NEWS INTER General Internet Information
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:22:29 ON 25 OCT 2004

=> file medline, uspatful, dgene, embase, wpids, fsta, jicst, biosis		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 14:22:48 ON 25 OCT 2004

FILE 'USPATFULL' ENTERED AT 14:22:48 ON 25 OCT 2004
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FILE 'BIOSIS' ENTERED AT 14:22:48 ON 25 OCT 2004
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=> s GLP-1
5 FILES SEARCHED...

L1 9864 GLP-1

=> s l1 and substitution
L2 603 L1 AND SUBSTITUTION

=> s l1 and analog
L3 742 L1 AND ANALOG

=> s l3 and tonicity modifier
L4 2 L3 AND TONICITY MODIFIER

=> d l4 ti abs ibib tot

L4 ANSWER 1 OF 2 USPATFULL on STN
TI Peptide pharmaceutical formulations
AB A pharmaceutical composition for administration to a mammal is disclosed. The composition includes a therapeutically effective amount of a peptide, such as a GLP-1 molecule, a PTH molecule, or a GRF molecule. The composition further includes a buffer including a weak acid having an acid dissociation constant value of greater than about $1+10.\text{sup.}-5$, such as acetic acid. The composition also includes an excipient for making the composition generally isotonic, such as D-mannitol.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:119850 USPATFULL
TITLE: Peptide pharmaceutical formulations
INVENTOR(S): Holmquist, Barton, Lincoln, NE, UNITED STATES
Dormady, Daniel C., Omaha, NE, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002061838	A1	20020523
APPLICATION INFO.:	US 2001-858880	A1	20010517 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-205377P	20000517 (60)
	US 2000-205262P	20000519 (60)
DOCUMENT TYPE:	Utility	

FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: Beth A. Burrous, FOLEY & LARDNER, Suite 500, 3000 K Street, N.W., Washington, DC, 20007-5109
 NUMBER OF CLAIMS: 14
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 8 Drawing Page(s)
 LINE COUNT: 929
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 2 WPIDS COPYRIGHT 2004 THE THOMSON CORP on STN
 TI Shelf-stable pharmaceutical formulation useful for treating diabetes comprises glucagon-like peptide-1 molecule, preservative and **tonicity modifier**.
 AN 2000-442534 [38] WPIDS
 AB WO 200037098 A UPAB: 20000811
 NOVELTY - Shelf-stable pharmaceutical formulation (I) comprises glucagon-like peptide-1 (GLP-1) molecule, preservative and **tonicity modifier** and has a pH of 8.2-8.8.
 ACTIVITY - Antidiabetic; hypoglycemic; hyperglycemic.
 MECHANISM OF ACTION - Glucose mediated insulin secretion regulator.
 USE - Useful for enhancing the expression of insulin in a mammalian pancreatic beta -type islet, treating diabetes and for providing meal time glycemic control and basal glycemic control with a single injection.
 ADVANTAGE - The formulation is shelf-stable (claimed). The formulation has increased physical and chemical stability relative to conventional peptide formulations.
 Dwg.0/0
 ACCESSION NUMBER: 2000-442534 [38] WPIDS
 DOC. NO. CPI: C2000-134655
 TITLE: Shelf-stable pharmaceutical formulation useful for treating diabetes comprises glucagon-like peptide-1 molecule, preservative and **tonicity modifier**.
 DERWENT CLASS: B04
 INVENTOR(S): BRADER, M L; PEKAR, A H
 PATENT ASSIGNEE(S): (ELIL) LILLY & CO ELI
 COUNTRY COUNT: 91
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2000037098	A1	20000629	(200038)*	EN	27
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL					
OA PT SD SE SL SZ TZ UG ZW					
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES					
FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU					
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM					
TR TT TZ UA UG US UZ VN YU ZA ZW					
AU 2000023734	A	20000712	(200048)		
EP 1140148	A1	20011010	(200167)	EN	
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT					
RO SE SI					
MX 2001005648	A1	20010801	(200238)		
JP 2002532557	W	20021002	(200279)		30

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2000037098	A1	WO 1999-US30395	19991221
AU 2000023734	A	AU 2000-23734	19991221
EP 1140148	A1	EP 1999-967463	19991221
		WO 1999-US30395	19991221
MX 2001005648	A1	MX 2001-5648	20010605

JP 2002532557 W

WO 1999-US30395

19991221

JP 2000-589208

19991221

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2000023734	A Based on	WO 2000037098
EP 1140148	A1 Based on	WO 2000037098
JP 2002532557	W Based on	WO 2000037098

PRIORITY APPLN. INFO: US 1998-113499P

19981222

=> d his

(FILE 'HOME' ENTERED AT 14:22:29 ON 25 OCT 2004)

FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, JICST-EPLUS, BIOSIS' ENTERED AT 14:22:48 ON 25 OCT 2004

L1 9864 S GLP-1
L2 603 S L1 AND SUBSTITUTION
L3 742 S L1 AND ANALOG
L4 2 S L3 AND TONICITY MODIFIER

=> s l2 and preservative

L5 90 L2 AND PRESERVATIVE

=> d l5 and tonicity modifier

'AND' IS NOT A VALID FORMAT FOR FILE 'USPATFULL'

'TONICITY' IS NOT A VALID FORMAT FOR FILE 'USPATFULL'

'MODIFIER' IS NOT A VALID FORMAT FOR FILE 'USPATFULL'

The following are valid formats:

The default display format is STD.

ABS ----- AB
ALL ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PTERM, DCD, RLI, PRAI, DT, FS, REP, REN, EXNAM, LREP, CLMN, ECL, DRWN, AB, GOVI, PARN, SUMM, DRWD, DETD, CLM, INCL, INCLM, INCLS, NCL, NCLM, NCLS, IC, ICM, ICS, EXF, ARTU
ALLG ----- ALL plus PAGE.DRAW
BIB ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PTERM, DCD, RLI, PRAI, DT, FS, EXNAM, LREP, CLMN, ECL, DRWN, LN.CNT
BIB.EX ----- BIB for original and latest publication
BIBG ----- BIB plus PAGE.DRAW
BROWSE ----- See "HELP BROWSE" or "HELP DISPLAY BROWSE". BROWSE must entered on the same line as DISPLAY, e.g., D BROWSE.
CAS ----- OS, CC, SX, ST, IT
CBIB ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PRAI, DT, FS
DALL ----- ALL, delimited for post-processing
FP ----- PI, TI, IN, INA, PA, PAA, PAT, PTERM, DCD, AI, RLI, PRAI, IC, ICM, ICS, INCL, INCLM, INCLS, NCL, NCLM, NCLS, EXF, REP, REN, ARTU, EXNAM, LREP, CLMN, DRWN, AB
FP.EX ----- FP for original and latest publication
FPALL ----- PI, TI, IN, INA, PA, PAA, PAT, PTERM, DCD, AI, RLI, PRAI, IC, ICM, ICS, INCL, INCLM, INCLS, NCL, NCLM, NCLS, EXF, REP, REN, ARTU, EXNAM, LREP, CLMN, DRWN, AB, PARN, SUMM, DRWD, DETD, CLM
FPBIB ----- PI, TI, IN, INA, PA, PAA, PAT, PTERM, DCD, AI, RLI, PRAI, REP, REN, EXNAM, LREP, CLM, CLMN, DRWN

FHITSTR ---- HIT RN, its text modification, its CA index name, and
 its structure diagram
 FPG ----- FP plus PAGE.DRAW
 GI ----- PN and page image numbers
 HIT ----- All fields containing hit terms
 HITRN ----- HIT RN and its text modification
 HITSTR ---- HIT RN, its text modification, its CA index name, and
 its structure diagram
 IABS ----- ABS, indented with text labels
 IALL ----- ALL, indented with text labels
 IALLG ----- IALL plus PAGE.DRAW
 IBIB ----- BIB, indented with text labels
 IBIB.EX ---- IBIB for original and latest publication
 IBIBG ----- IBIB plus PAGE.DRAW
 IMAX ----- MAX, indented with text labels
 IMAX.EX ---- IMAX for original and latest publication
 IND ----- INCL, INCLM, INCLS, NCL, NCLM, NCLS, IC, ICM, ICS,
 EXF, ARTU, OS, CC, SX, ST, IT
 ISTD ----- STD, indented with text labels
 KWIC ----- All hit terms plus 20 words on either side
 MAX ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PTERM, DCD,
 RLI, PRAI, DT, FS, REP, REN, EXNAM, LREP, CLMN, ECL,
 DRWN, AB, GOVI, PARN, SUMM, DRWD, DETD, CLM, INCL,
 INCLM, INCLS, NCL, NCLM, NCLS, IC, ICM, ICS,
 EXF, ARTU OS, CC, SX, ST, IT
 MAX.EX ---- MAX for original and latest publication
 OCC ----- List of display fields containing hit terms
 SBIB ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, RLI, PRAI,
 DT, FS, LN.CNT
 SCAN ----- AN, TI, NCL, NCLM, NCLS, IC, ICM, ICS (random display
 without answer number. SCAN must be entered on the
 same line as DISPLAY, e.g., D SCAN)
 STD ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, RLI, PRAI,
 DT, FS, LN.CNT, INCL, INCLM, INCLS, NCL, NCLM, NCLS,
 IC, ICM, ICS, EXF (STD is the default)
 STD.EX ---- STD for original and latest publication
 TRIAL ----- AN, TI, INCL, INCLM, INCLS, NCL, NCLM, NCLS, IC,
 ICM, ICS

ENTER DISPLAY FORMAT (STD):d his
 'D' IS NOT A VALID FORMAT FOR FILE 'USPATFULL'
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The following are valid formats:

The default display format is STD.

ABS ----- AB
 ALL ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PTERM, DCD,
 RLI, PRAI, DT, FS, REP, REN, EXNAM, LREP, CLMN, ECL,
 DRWN, AB, GOVI, PARN, SUMM, DRWD, DETD, CLM, INCL,
 INCLM, INCLS, NCL, NCLM, NCLS, IC, ICM, ICS,
 EXF, ARTU
 ALLG ----- ALL plus PAGE.DRAW
 BIB ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PTERM, DCD, RLI,
 PRAI, DT, FS, EXNAM, LREP, CLMN, ECL, DRWN, LN.CNT
 BIB.EX ---- BIB for original and latest publication
 BIBG ----- BIB plus PAGE.DRAW
 BROWSE ---- See "HELP BROWSE" or "HELP DISPLAY BROWSE". BROWSE must
 entered on the same line as DISPLAY, e.g., D BROWSE.
 CAS ----- OS, CC, SX, ST, IT
 CBIB ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PRAI, DT, FS
 DALL ----- ALL, delimited for post-processing
 FP ----- PI, TI, IN, INA, PA, PAA, PAT, PTERM, DCD, AI, RLI,

PRAI, IC, ICM, ICS, INCL, INCLM, INCLS, NCL,
 NCLM, NCLS, EXF, REP, REN, ARTU, EXNAM, LREP,
 CLMN, DRWN, AB
 FP.EX ----- FP for original and latest publication
 FPALL ----- PI, TI, IN, INA, PA, PAA, PAT, PETRM, DCD, AI,
 RLI, PRAI, IC, ICM, ICS, INCL, INCLM, INCLS, NCL, NCLM,
 NCLS, EXF, REP, REN, ARTU, EXNAM, LREP, CLMN, DRWN, AB,
 PARN, SUMM, DRWD, DETD, CLM
 FPBIB ----- PI, TI, IN, INA, PA, PAA, PAT, PTERM, DCD, AI,
 RLI, PRAI, REP, REN, EXNAM, LREP, CLM, CLMN, DRWN
 FHITSTR ---- HIT RN, its text modification, its CA index name, and
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 FPG ----- FP plus PAGE.DRAW
 GI ----- PN and page image numbers
 HIT ----- All fields containing hit terms
 HITRN ----- HIT RN and its text modification
 HITSTR ---- HIT RN, its text modification, its CA index name, and
 its structure diagram
 IABS ----- ABS, indented with text labels
 IALL ----- ALL, indented with text labels
 IALLG ----- IALL plus PAGE.DRAW
 IBIB ----- BIB, indented with text labels
 IBIB.EX ---- IBIB for original and latest publication
 IBIBG ----- IBIB plus PAGE.DRAW
 IMAX ----- MAX, indented with text labels
 IMAX.EX ---- IMAX for original and latest publication
 IND ----- INCL, INCLM, INCLS, NCL, NCLM, NCLS, IC, ICM, ICS,
 EXF, ARTU, OS, CC, SX, ST, IT
 ISTD ----- STD, indented with text labels
 KWIC ----- All hit terms plus 20 words on either side
 MAX ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PTERM, DCD,
 RLI, PRAI, DT, FS, REP, REN, EXNAM, LREP, CLMN, ECL,
 DRWN, AB, GOVI, PARN, SUMM, DRWD, DETD, CLM, INCL,
 INCLM, INCLS, NCL, NCLM, NCLS, IC, ICM, ICS,
 EXF, ARTU OS, CC, SX, ST, IT
 MAX.EX ---- MAX for original and latest publication
 OCC ----- List of display fields containing hit terms
 SBIB ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, RLI, PRAI,
 DT, FS, LN.CNT
 SCAN ----- AN, TI, NCL, NCLM, NCLS, IC, ICM, ICS (random display
 without answer number. SCAN must be entered on the
 same line as DISPLAY, e.g., D SCAN)
 STD ----- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, RLI, PRAI,
 DT, FS, LN.CNT, INCL, INCLM, INCLS, NCL, NCLM, NCLS,
 IC, ICM, ICS, EXF (STD is the default)
 STD.EX ---- STD for original and latest publication
 TRIAL ----- AN, TI, INCL, INCLM, INCLS, NCL, NCLM, NCLS, IC,
 ICM, ICS

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=> d his

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FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, JICST-EPLUS,
 BIOSIS' ENTERED AT 14:22:48 ON 25 OCT 2004

L1 9864 S GLP-1
 L2 603 S L1 AND SUBSTITUTION
 L3 742 S L1 AND ANALOG
 L4 2 S L3 AND TONICITY MODIFIER
 L5 90 S L2 AND PRESERVATIVE

=> s l5 and tonicity modifier

L6 0 L5 AND TONICITY MODIFIER

=> s 15 and buffer

L7 82 L5 AND BUFFER

=> s 17 and TRIS

L8 62 L7 AND TRIS

=> s 18 and pH

L9 61 L8 AND PH

=> s 19 and L-histidine

L10 8 L9 AND L-HISTIDINE

=> d 110 ti abs ibib tot

L10 ANSWER 1 OF 8 USPATFULL on STN

TI GLP-2 compounds, formulations, and uses thereof

AB The present invention relates to novel human glucagon-like peptide-2 (GLP-2) peptides and human glucagon-like peptide-2 derivatives which have a protracted profile of action as well as polynucleotide constructs encoding such peptides, vectors and host cells comprising and expressing the polynucleotide, pharmaceutical compositions, uses and methods of treatment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:159406 USPATFULL

TITLE: GLP-2 compounds, formulations, and uses thereof

INVENTOR(S): Thim, Lars, Gentofte, DENMARK

Bang, Susanne, Bagsvaerd, DENMARK

Schlein, Morten, Copenhagen S., DENMARK

Kaarsholm, Niels Christian, Vanloese, DENMARK

Engelund, Dorte Kot, Holte, DENMARK

Nielsen, Anette Sams, Bagsvaerd, DENMARK

Johansen, Nils Langeland, Copenhagen OE., DENMARK

Madsen, Kjeld, Vaerloese, DENMARK

Zundel, Magali, Soeborg, DENMARK

Thygesen, Peter, Copenhagen OE., DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004122210	A1	20040624
APPLICATION INFO.:	US 2003-685368	A1	20031014 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	DK 2002-1574	20021014
	DK 2002-1780	20021119
	DK 2002-1778	20021119
	US 2002-434562P	20021219 (60)
	US 2002-434560P	20021219 (60)
	US 2002-420581P	20021023 (60)
	US 2002-426273P	20021114 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: Reza Green, Esq., Novo Nordisk Pharmaceuticals, Inc.,
100 College Road West, Princeton, NJ, 08540

NUMBER OF CLAIMS: 77

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 12 Drawing Page(s)

LINE COUNT: 7463

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 2 OF 8 USPATFULL on STN

TI Method for administering insulintropic peptides
AB The claimed invention relates to a method of administering glucagon-like peptide-1 molecules by inhalation, a method for treating diabetes by administering glucagon-like peptide-1 molecules by inhalation, and a method for treating hyperglycemia by administering glucagon-like peptide-1 molecules by inhalation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:158101 USPATFULL
TITLE: Method for administering insulintropic peptides
INVENTOR(S): Hughes, Benjamin Lee, Indianapolis, IN, UNITED STATES
Wolff, Ronald Keith, Carmel, IN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004120897	A1	20040624
APPLICATION INFO.:	US 2003-732091	A1	20031210 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-383789, filed on 26 Aug 1999, GRANTED, Pat. No. US 6720407		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-98273P	19980828 (60)
	US 1998-100012P	19980911 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ELI LILLY AND COMPANY, PATENT DIVISION, P.O. BOX 6288, INDIANAPOLIS, IN, 46206-6288	
NUMBER OF CLAIMS:	40	
EXEMPLARY CLAIM:	1	
LINE COUNT:	985	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 8 USPATFULL on STN

TI Method for administering insulintropic peptides
AB The claimed invention relates to a method of administering glucagon-like peptide-1 molecules by inhalation, a method for treating diabetes by administering glucagon-like peptide-1 molecules by inhalation, and a method for treating hyperglycemia by administering glucagon-like peptide-1 molecules by inhalation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:90699 USPATFULL
TITLE: Method for administering insulintropic peptides
INVENTOR(S): Hughes, Benjamin Lee, Indianapolis, IN, United States
Wolff, Ronald Keith, Carmel, IN, United States
PATENT ASSIGNEE(S): Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6720407	B1	20040413
APPLICATION INFO.:	US 1999-383789		19990826 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-100012P	19980911 (60)
	US 1998-98273P	19980828 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Low, Christopher S. F.	
ASSISTANT EXAMINER:	Lukton, David	
LEGAL REPRESENTATIVE:	Cox, Gregory A.	
NUMBER OF CLAIMS:	28	

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 1011
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 4 OF 8 USPATFULL on STN
TI Chronic treatment regimen using glucagon-like insulintropic peptides
AB The present invention encompasses a method of treating a disease by
maintaining chronic steady state serum levels of a GLP-
1 compound within a specified range.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:70591 USPATFULL
TITLE: Chronic treatment regimen using glucagon-like
insulintropic peptides
INVENTOR(S): Dodd, Steven Witt, Zionsville, IN, UNITED STATES
Mace, Kenneth Francis, Fishers, IN, UNITED STATES
Trautmann, Michael Ernst, Hamburg, GERMANY, FEDERAL
REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004053819	A1	20040318
APPLICATION INFO.:	US 2003-450124	A1	20030610 (10)
	WO 2001-US44698		20011207
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	ELI LILLY AND COMPANY, PATENT DIVISION, P.O. BOX 6288, INDIANAPOLIS, IN, 46206-6288		
NUMBER OF CLAIMS:	32		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Page(s)		
LINE COUNT:	1857		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 5 OF 8 USPATFULL on STN
TI Protein formulations
AB The present invention discloses a stable, soluble formulation comprising
a medically useful peptide or protein, a hydrophobic
preservative, and nicotinamide. Said storage-stable, soluble
formulation is useful as a multi-use pharmaceutical product.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:100072 USPATFULL
TITLE: Protein formulations
INVENTOR(S): Rinella, Vincent Joseph, JR., Brownsburg, IN, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003069182	A1	20030410
	US 6573237	B2	20030603
APPLICATION INFO.:	US 2002-170301	A1	20020612 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-787500, filed on 16 Mar 2001, GRANTED, Pat. No. US 6440930		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	ELI LILLY AND COMPANY, PATENT DIVISION, P.O. BOX 6288, INDIANAPOLIS, IN, 46206-6288		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	700		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 6 OF 8 USPATFULL on STN
TI Glucagon-like peptide-1 crystals
AB The invention provides individual tetragonal flat rod shaped or plate-like crystals of glucagon-like peptide-1 related molecules, processes for their preparation, compositions and methods of use. The crystal preparations exhibit extended time action in vivo and are useful for treating diabetes, obesity and related conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:65340 USPATFULL
TITLE: Glucagon-like peptide-1 crystals
INVENTOR(S): Hermeling, Ronald Norbert, Indianapolis, IN, UNITED STATES
Hoffmann, James Arthur, Greenwood, IN, UNITED STATES
Narasimhan, Chakravarthy, Carmel, IN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003045464	A1	20030306
	US 6555521	B2	20030429
APPLICATION INFO.:	US 2001-997792	A1	20011130 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-209799, filed on 11 Dec 1998, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-69728P	19971216 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ELI LILLY AND COMPANY, LILLY CORPORATE CENTER, DROP CODE 1104, INDIANAPOLIS, IN, 46285	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1128	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 7 OF 8 USPATFULL on STN
TI Protein formulations
AB The present invention discloses a stable, soluble formulation comprising a medically useful peptide or protein, a hydrophobic **preservative**, and nicotinamide. Said storage-stable, soluble formulation is useful as a multi-use pharmaceutical product.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:217237 USPATFULL
TITLE: Protein formulations
INVENTOR(S): Rinella, Jr., Vincent Joseph, Brownsburg, IN, United States
PATENT ASSIGNEE(S): Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6440930	B1	20020827
	WO 2000015224		20000323
APPLICATION INFO.:	US 2001-787500		20010316 (9)
	WO 1999-US21055		19990914
			20010316 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-100687P	19980917 (60)
DOCUMENT TYPE:	Utility	

FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Henley, III, Raymond
LEGAL REPRESENTATIVE: Stewart, Mark J., Davis, Paula K.
NUMBER OF CLAIMS: 21
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 715
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 8 OF 8 USPATFULL on STN
TI GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
AB The invention provides individual tetragonal flat rod shaped or plate-like crystals of glucagon-like peptide-1 related molecules, processes for their preparation, compositions and methods of use. The crystal preparations exhibit extended time action in vivo and are useful for treating diabetes, obesity and related conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2001:134217 USPATFULL
TITLE: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
INVENTOR(S): HERMELING, RONALD NORBERT, INDIANAPOLIS, IN, United States
HOFFMANN, JAMES ARTHUR, GREENWOOD, IN, United States
NARASIMHAN, CHAKAVARTHY, CARMEL, IN, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001014666	A1	20010816
	US 6380357	B2	20020430
APPLICATION INFO.:	US 1998-209799	A1	19981211 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	ROBERT A CONRAD, ELI LILLY AND COMPANY, PATENT DIVISION/RSM, LILLY CORPORATE CENTER, INDIANAPOLIS, IN, 46285		
NUMBER OF CLAIMS:	25		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1106		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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E1	1	BRADENMARK P/AU
E2	1	BRADENSTEIN M/AU
E3	0 -->	BRADER/AU
E4	12	BRADER A/AU
E5	1	BRADER A B/AU
E6	4	BRADER A C/AU
E7	3	BRADER A H/AU
E8	1	BRADER ALAN H/AU
E9	4	BRADER ALLEN C/AU
E10	1	BRADER ANTON/AU
E11	4	BRADER B/AU
E12	2	BRADER BOB/AU